

AMENDED

Serial No.

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... JUN 23 1961

Returned to applicant for correction..... AUG 15 1961

Corrected application filed..... AUG 19 1961

Map filed..... AUG 23 1961

UNITED STATES OF AMERICA - NATIONAL PARK SERVICE, LAKE MEAD
 The applicant NATIONAL RECREATION AREA - DEPARTMENT OF THE INTERIOR

of Boulder City, Nevada, County of Clark,

State of Nevada, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is..... underground..... (Echo Bay Well)
Name of stream, lake or other source.
2. The amount of water applied for is..... 180 acre-feet per year 0.248..... second-feet
One second-foot equals 448.83 gals. per min. tank
 (a) If stored in reservoir give number of acre-feet 100,000 gallon steel storage/..... acre-feet
3. The water to be used for quasi-municipal (resort) and domestic
Irrigation, power, mining, manufacturing, domestic, or other use.
4. If use is for:
 - (a) Irrigation (state number of acres to be irrigated).....
 - (b) Stockwater (state number and kinds of animals to be watered).....
 - (c) Other use (describe fully under "No. 11. Remarks").....
 - (d) Power:
 - (1) Horsepower developed.....
 - (2) Point of return of water to stream.....
5. The water is to be diverted from its source at the following point: a point from which the N.W.
corner of Section 1, T. 19 S., R. 67 E., M.D.B.&M., bears N. 68° 53'
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,
42" W., 12,471.09 feet. SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5, T. 19 S., R. 68 E., M.D.B.&M.
it should be stated.
6. Place of use..... portions of SE $\frac{1}{4}$ SW $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 5 and portion of SE $\frac{1}{4}$
Describe by legal subdivision, if on unsurveyed land it should be so stated.
Sec. 6, T. 19 S., R. 68 E., M.D.B.&M.
7. Use will begin about..... January 1..... and end about December 31....., of each year.
Month Month
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.)..... Drilled well, pump, storage tank
and distribution pipelines.
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

Nothing herein constitutes a waiver of any other right which the United States may have to the use of the same water.

9. Estimated cost of works.....\$50,000
10. Estimated time required to construct works.....Works are completed for all practical purposes.
11. Remarks.....Water will be used primarily for quasi-municipal purposes. Concessioner facilities, including 250 site trailer park, 40 unit motel, cafe building, dock facilities as well as sales and storage buildings will be serviced by the water system. National Park Service facilities to be served will include 5 residences, utility building, and visitor center building and public campground (145) site). The irrigation water referred to under item #4 is taken from the same system distribution as the domestic water. It is only mentioned as a separate classification to clarify the total useage of water.

Applicant.....UNITED STATES OF AMERICA
 NATIONAL PARK SERVICE
 LAKE MEAD NATIONAL RECREATION AREA FOR THE UNITED STATES OF AMERICA
 DEPARTMENT OF THE INTERIOR By s/ Charles A. Richey
 CHARLES A. RICHEY, SUPERINTENDENT
 LAKE MEAD NATIONAL RECREATION AREA
 NATIONAL PARK SERVICE

Compared.....hs/lb.....hs/lb

APPROVAL..... OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 0.248 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept, and a method provided, either air line or opening, for measuring depth to water. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....0.248.....cubic feet per second.

Actual construction work shall begin on or before.....July 22, 1962

Proof of commencement of work shall be filed before.....August 22, 1962

Work must be prosecuted with reasonable diligence and be completed on or before.....July 22, 1963

Proof of completion of work shall be filed before.....August 22, 1963

Application of water to beneficial use shall be made on or before.....July 22, 1963

Proof of the application of water to beneficial use shall be filed on or before.....August 22, 1963

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....MAY 25 1962

Completion of work filed.....MAY 27 1963

Proof of beneficial use filed.....July 26, 1963

Cultural map filed.....

Certificate No. 5621 Issued.....Oct 10, 1963

Recorded.....10-16-63 Bk 485 Page 390,930

Clark.....County Recorder

218 (Rev.)

WITNESS MY HAND AND SEAL this.....22nd.....day
 of.....January....., 1962

EDMUND A. MUTH
 State Engineer
 By.....Assistant State Engineer

DETAILED DESCRIPTION

Well:

175' deep, 10" casing

Pump:

Deep well turbine peerless 7LA
100 G.P.M. 280' T.D.H. 220 V. 3Ø
10 H.P. Motor.

Piping system

3600' 6" C.I., 400' - 4" C.I.
1500' - 2" P.V.C.